63mm Diameter All Stainless Steel Process Pressure Gauge

Application

For the measurement of fluid liquids that are not:- highly viscous, high temperature (over 150°C), likely to solidify/crystallize. Stainless steel (SS316L) internals and wetted parts make the gauge more resistant to corrosive or high temperature substances entering the gauge.

Also suitable for gases (excluding oxygen or acetylene) up to 25 bar maximum.

Food/Drink
Pharmaceutical
Petrochemical
Process

Description

Nominal Size
63mm

Accuracy
+/-1.6% FSD

Scales
BAR Outer (Black) & PSI Inner (Red) - Pressure
BAR Outer (Black) & “HG Inner (Red) - Vacuum
BAR Outer (Black) & “HG + PSI Inner (Red) - Compound

Ranges
-1/0 BAR Vacuum to 0/700 BAR Pressure
-1/+1 BAR to -1/+11 BAR Compound

Mounting Options
Bottom - Direct Mounting (standard)
Bottom - Surface Mounting Rear 3 Hole Flange

Centre Back - Direct Mounting (standard) Centre Back - Panel Mounting Rear Bracket Centre Back - Panel Mounting Front 3 Hole Flange

Operating Temperature
Ambient: -20/+60ºC
Medium: +150ºC maximum without filling

Temperature Effect
Variation in indication caused by temperature ± 0.04 x (t2 – t1)% of the span t1 is the reference ambient temperature in ºC t2 is the ambient temperature in ºC

Ingress Protection
IP 65 as per EN 60529

Case & Bayonet Bezel
304 Stainless Steel

Window
Polycarbonate - Crystal Clear

Pressure Element
316L Stainless Steel - Sealed Bourdon tube
C-Type <100 BAR
Coiled Type >100 BAR

Joints
Welded 316L Stainless Steel

Movement
High Precision Stainless Steel

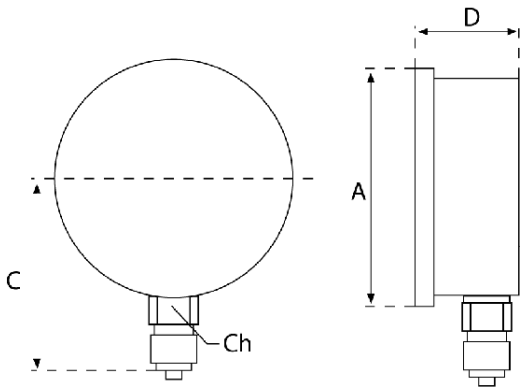
Process Connection & Block
SS316L - 1/4” BSP (parallel) male (standard)
SS316L - 14mm Hexagon

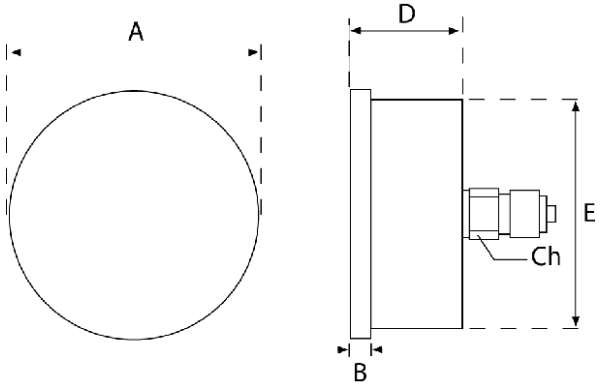
Pointer
Aluminium - Black

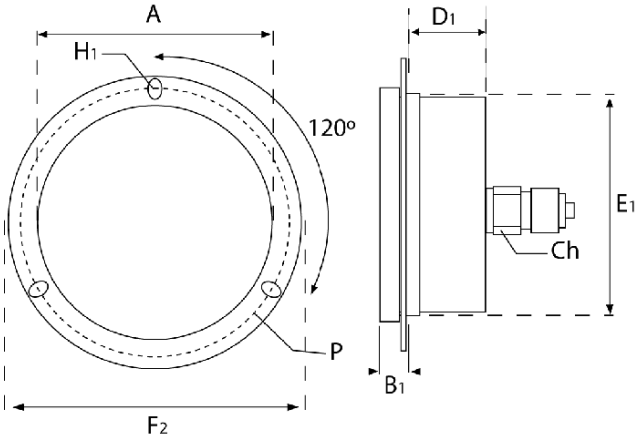
Dial
Aluminium - White

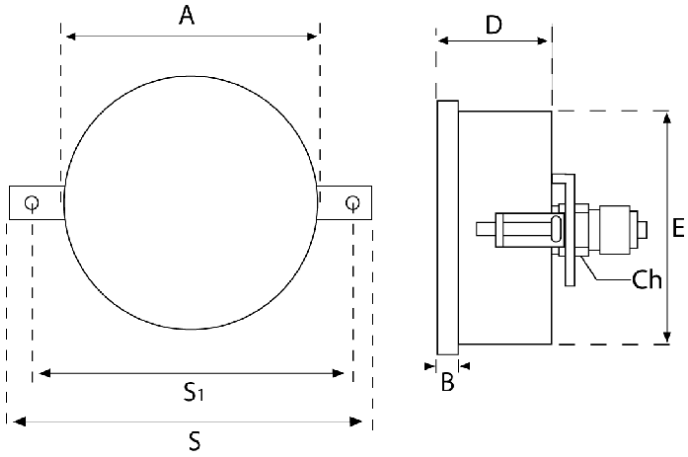
Filling
Optional - High Purity grade glycerine 99.5% (max 60ºC)
Silicone Oil 350V (max 150ºC)

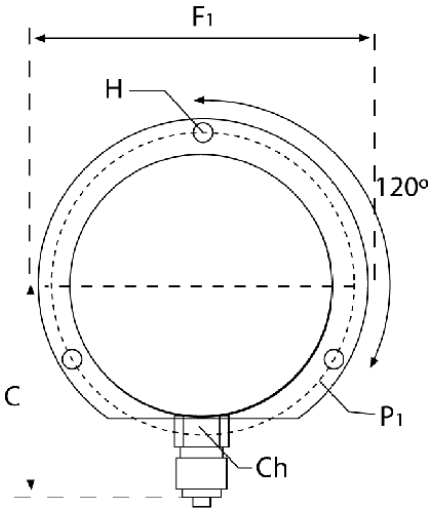
Special Options
Other scales/ranges
Rubber gauge cover

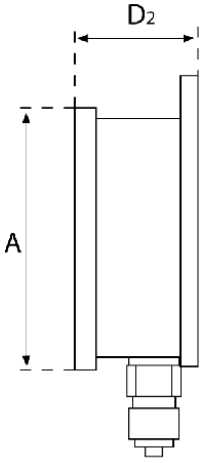












A	B	C	Ch	D	D_1	E	F_1	F_2	P	H	H_1	S	S_1
67.5	6	53	14	29.5	28.5	62	85	85	75	4	4x5.5	99	87

(Dimensions in mm)